

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-04-30
Investment Auto Submission Date: 2012-02-29
Date of Last Investment Detail Update: 2012-02-24
Date of Last Exhibit 300A Update: 2012-08-19
Date of Last Revision: 2012-08-19

Agency: 024 - Department of Homeland Security **Bureau:** 58 - Customs and Border Protection

Investment Part Code: 02

Investment Category: 00 - Agency Investments

1. Name of this Investment: CBP - Infrastructure

2. Unique Investment Identifier (UII): 024-000005188

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

CBP Infrastructure is the Information Technology (IT) backbone that supports all of CBP's systems. The systems supported by CBP Infrastructure allow for a unified border presence and provides for more efficient and effective information sharing amongst trade and law enforcement agencies. CBP Infrastructure serves a variety of Federal, state, local, and international government agencies. These agencies have varying missions and strategic goals but collectively their purpose is to minimize threats to the American people. The IT systems are vital tools that CBP and other federal agencies depend on to defend our borders and support our Ports of Entry. The systems assist CBP Officers in identifying potential threats, including terrorists, weapons of mass destruction and bioterrorism. The systems provide the means by which U.S. Criminal and Trade Laws are enforced and provide the capability to collect tariffs and taxes related to international trade and commerce. The technology utilized in CBP Infrastructure enables CBP to continually improve the selectivity of low-risk cargo, vehicles, and people, while expediting the clearance process. CBP Infrastructure provides the support for maintaining a reliable trade management system that maximizes compliance with the law, efficiently moves legitimate cargo; targets high risk shipments, secures our borders, facilitates international travel and protects the public from contraband. The objectives of CBP Infrastructure are to successfully maintain operations in 10 infrastructure project areas: Wireless; Voice; Video; Site Services; Data Center; Help

Desk; Email; Network; Single Sign-On; Desktop.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

CBP Infrastructure is the Information Technology (IT) backbone that supports all CBP systems. The systems supported by CBP Infrastructure allow for a unified border presence and provides for more efficient and effective information sharing amongst trade and law enforcement agencies. The IT systems are vital tools that CBP and other federal agencies depend on to defend our borders and support our Ports of Entry. The systems assist CBP Officers in identifying potential threats, including terrorists, weapons of mass destruction and bioterrorism. The systems provide the means by which U.S. Criminal and Trade Laws are enforced and provide the capability to collect tariffs and taxes related to international trade and commerce. CBP will continue to utilize the technology within CBPs IT infrastructure which enables CBP to continually improve the selectivity of low-risk cargo, vehicles, and people, while expediting the clearance process. The infrastructure provides the support for maintaining a reliable trade management system that maximizes compliance with the law, moves legitimate cargo efficiently; targets high-risk shipments, secures our borders, facilitates movement of international travel, and protects the public from contraband. If this program is not fully funded the lack of funding will impact our ability to make needed updates in technology which will affect CBP's ability to keep up with demand, maintain acceptable response times, and migrate away from some of the older more expensive technologies that CBP is currently using.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

Maintained processor capacity at less than 80%; TECS was available to end users 99.4% of time and the network (N/W) was available 99.3% of the time; Supported over 50,000 desktop workstations/PCs, 14,000 laptops, 11,500 network printers, 5,750 host printers, 700 domain controllers, over 225 application servers, 850 Novell Servers, 3 mainframes, 3,500 switches and over 1,300 routers; Migrated over 1,000 users to Windows 7; Achieved 17.5% reduction in planned outages, due to technology refresh and advancements; Achieved a 5% reduction in response time to critical field application fileserver outages; N/W (WAN/LAN) infrastructure upgrades including the implementation of new core switches and migration to Layer 3 Switch technology at 43 OFO sites and 33 OBP sites; The installation of 584 WAN Optimization devices (designed to reduce bandwidth and optimize network traffic) at various CBP field locations; N/W Infrastructure Review: complete analysis, inventory and remediation of N/W devices.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

- Reduce EDME's Infrastructure O&M costs by 5% in FY12; 7.5% in FY13; 10% in FY14
- Invest an additional 5% of EDME's FY12 Infrastructure budget in technology refresh and new development projects, additionally invest 7.5% in FY13 and 10% in FY14
- Ensure that TECS will be available to end users 99% of the time and the network will be available 98% of

the time •Complete 25% of server consolidation in an effort to deliver new mission capabilities through service platforms •Complete the transition of four additional CBP systems to the DHS Data Centers •Establish TECS Modernization services with active and stand by capabilities between the National Data Center and the Stennis Data Center •Adopt desktop virtualization within the CBP enterprise •Sustain 100% of hardware maintenance renewals completed in a timely manner prior to cessation vendor support •Sustain 100% of email system patches applied by mandatory deployment date as defined by DHS •Sustain 100% of software maintenance renewals completed in a timely manner prior to cessation vendor support •Transition services for approximately 1,500 CBP data circuits from the FTS2001 to the Networx contract. Enhancements include the installation of new routers, existing circuit upgrades to full DS3 capability, and built in service-level agreements with the vendors. •Diversity at Top 25 OFO sites: ensure a dual path (each provided by a separate carrier) of physical or carrier network connectivity at 25 field locations deemed critical by OFO. 13 sites will receive full physical diversity and the remaining 12 will receive carrier diversity. •WAN Edge Modernization: The hardware of the core CBP and OneNet Wan Edge routers will be upgraded to a more robust Aggregated Services Router (ASR) platform. •WAN Optimization (Phase II): Continuation of deployment of 370 Riverbed devices at various CBP field locations. •Migrate 426 CBP field servers from the current Novell platform to Microsoft Windows 2008 Server technology •Begin replacement of outdated network switches to improve the overall security posture of the CBP Network.

5. **Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2011-07-01

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$0.0	\$0.0	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$0.0	\$0.0	\$0.0	\$0.0
DME (Including Planning) Govt. FTEs:	\$0.0	\$0.0	\$0.0	\$0.0
Sub-Total DME (Including Govt. FTE):	0	0	0	0
O & M Costs:	\$2,359.3	\$418.2	\$314.5	\$267.8
O & M Govt. FTEs:	\$269.2	\$138.5	\$212.5	\$221.4
Sub-Total O & M Costs (Including Govt. FTE):	\$2,628.5	\$556.7	\$527.0	\$489.2
Total Cost (Including Govt. FTE):	\$2,628.5	\$556.7	\$527.0	\$489.2
Total Govt. FTE costs:	\$269.2	\$138.5	\$212.5	\$221.4
# of FTE rep by costs:	2,397	1,204	1,545	1,555
Total change from prior year final President's Budget (\$)		\$-6.4	\$-36.1	
Total change from prior year final President's Budget (%)		-1.00%	-6.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

Re-structured per DHS mandate to include 10 project areas.

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	7014	HSBP1010J00 085	HSHQDC05D00 002	7001							
Awarded	7014	HSBP1011F00 057	GS35F0823M	4730							
Awarded	7014	HSBP1011F00 083	GS35F0468J	4730							
Awarded	7014	HSBP1007F16 147	GS10F0169K	4730							
Awarded	7014	HSBP1011J00 329	TC2001025	7014							
Awarded	7014	HSBP1007F16 147	GS10F0169K	4730							
Awarded	7014	HSBP1011J00 261	HSHQDC07D00 028	7001							
Awarded	7014	HSBP1011F00 177	GS35F0654R	4730							
Awarded	7014	HSBP1011J00 025	HSHQDC07D00 022	7001							
Awarded	7014	HSBP1011J00 112	HSHQDC07D00 020	7001							
Awarded	7014	HSBP1007F14 663	HSHQDC06D00 026	7001							
Awarded	7014	HSBP1011J00 182	HSBP1009D02 335	7014							
Awarded	7014	HSBP1009J26 296	HSBP1007D01 587	7014							
Awarded	7014	HSBP1011F00 061	GS35F0196M	4730							
Awarded	7014	HSBP1011F00 159	GS35F5337H	4730							

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	7014	HSBP1011J00 272	HSHQDC07D00 021	7001							
Awarded	7014	HSBP1012F00 095	GS25F0062L	4730							
Awarded	7014	HSBP1010J00 845	HSHQDC07D00 026	7001							
Awarded	7014	HSBP1011C0 0040									
Awarded	7014	HSBP1011F00 061	GS35F0196M	4730							
Awarded	7014	HSBP1010C0 0072									
Awarded	7014	HSBP1009F25 053	GS35F5891H	4730							
Awarded	7014	HSBP1012J00 112	HSHQDC07D00 029	7001							
Awarded	7014	HSBP1012F00 087	GS35F4880H	4730							
Awarded	7014	HSBP1012J00 320	HSHQDC07D00 024	7001							
Awarded	7014	HSBP1009J26 296	HSBP1007D01 587	7014							
Awarded	7014	HSBP1011J00 888	HSHQDC10A00 102	7001							
Awarded	7014	HSBP1012J00 333	HSHQDC07D00 028	7001							
Awarded	7014	HSBP1010J00 845	HSHQDC07D00 026	7001							
Awarded	7014	HSBP1012J00 305	HSHQDC07D00 020	7001							
Awarded	7014	HSBP1012F00 031	GS35F0119P	4730							

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	7014	HSBP1012F00 073	HSHQDC11A00 042	7001							
Awarded	7014	HSBP1011C0 0040									
Awarded	7014	HSBP1012J00 016	HSHQDC07D00 022	7001							
Awarded	7014	HSBP1012J00 100	HSHQDC07D00 024	7001							
Awarded	7014	HSBP1011P00 363									
Awarded	7014	HSBP1012J00 423	HSHQDC07D00 028	7001							
Awarded	7014	HSBP1008F23 666	GS35F0581R	4730							
Awarded	7014	HSBP1011F00 057	GS35F0823M	4730							
Awarded	7014	HSBP1012F00 163	HSHQDC11A00 042	7001							
Awarded	7014	HSBP1012J00 353	HSHQDC07D00 020	7001							
Awarded	7014	HSBP1012F00 097	GS35F0363P	4730							
Awarded	7014	HSBP1012J00 326	HSHQDC07D00 028	7001							
Awarded	7014	HSBP1012J00 362	HSHQDC07D00 024	7001							
Awarded	7014	HSBP1012J00 152	HSBP1009D02 335	7014							
Awarded	7014	HSBP1012F00 115	GS35F5040H	7014							
Awarded	7014	HSBP1007F16 147	GS10F0169K	7014							

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	7014	HSBP1012J00 415	HSHQDC07D00 028	7001							
Awarded	7014	HSBP1012J00 378	HSHQDC07D00 020	7001							
Awarded	7014	HSBP1012J00 310	HSHQDC07D00 028	7001							
Awarded	7014	HSBP1012F00 046	HSHQDC11A00 043	7001							
Awarded	7014	HSBP1012F00 094	GS06F0634Z	4730							
Awarded	7014	HSBP1012J00 244	HSHQDC05D00 003	7001							
Awarded	7014	HSBP1012J00 141	HSHQDC07D00 022	7001							
Awarded	7014	HSBP1012J00 058	HSHQDC10A00 106	7001							
Awarded	7014	GS10F0169K	GS10F0169K	4730							
Awarded	7014	HSBP1012J00 085	HSHQDC07D00 025	7001							
Awarded	7014	HSBP1012F00 121	HSHQDC11A00 042	7001							
Awarded	7014	HSBP1012J00 344	HSHQDC07D00 020	7001							
Awarded	7014	HSBP1012F00 110	HSHQDC11A00 039	7001							
Awarded	7014	HSBP1011J00 818	HSHQDC07D00 029	7001							
Awarded	7014	HSBP1011C0 0085									
Awarded	7014	HSBP1012F00 075	HSHQDC10A00 102	7001							
Awarded	7014	HSBP1012F00	GS35F5337H	4730							

Table I.D.1 Contracts and Acquisition Strategy

<u>Contract Type</u>	<u>EVM Required</u>	<u>Contracting Agency ID</u>	<u>Procurement Instrument Identifier (PIID)</u>	<u>Indefinite Delivery Vehicle (IDV) Reference ID</u>	<u>IDV Agency ID</u>	<u>Solicitation ID</u>	<u>Ultimate Contract Value (\$M)</u>	<u>Type</u>	<u>PBSA ?</u>	<u>Effective Date</u>	<u>Actual or Expected End Date</u>
			<u>101</u>								
Awarded	7014		<u>HSBP1012F00011</u>	GS35F0365U		4730					
Awarded	7014		<u>HSBP1012C0011</u>								
Awarded	7014		<u>HSBP1011C0030</u>								
Awarded	7014		<u>HSBP1012F0003</u>	HSHQDC10A00106		7001					
Awarded	7014		<u>HSBP1012F00077</u>	GS35F0889N		4730					
Awarded	7014		<u>HSBP1012J00356</u>	HSHQDC07D00020		7001					
Awarded	7014		<u>HSBP1012P00410</u>								
Awarded	7014		<u>HSBP1012F00085</u>	HSHQDC10A00102		7001					
Awarded	7014		<u>HSBP1012F00058</u>	HSHQDC11A00042		7001					
Awarded	7014		<u>HSBP1012F00011</u>	GS35F0365U		4730					
Awarded	7014		<u>HSBP1010F00177</u>	GS35F0189U		4730					
Awarded	7014		<u>HSBP1010C0074</u>								
Awarded	7014		<u>HSBP1012J00093</u>	HSHQDC07D00020		7001					
Awarded	7014		<u>HSBP1012J00441</u>	HSHQDC07D00030		7001					
Awarded	7014		<u>HSBP1012J00180</u>	HSHQDC07D00030		7001					
Awarded	7014		<u>HSBP1012F00</u>	HSHQDC11A00		7001					

Table I.D.1 Contracts and Acquisition Strategy

<u>Contract Type</u>	<u>EVM Required</u>	<u>Contracting Agency ID</u>	<u>Procurement Instrument Identifier (PIID)</u>	<u>Indefinite Delivery Vehicle (IDV) Reference ID</u>	<u>IDV Agency ID</u>	<u>Solicitation ID</u>	<u>Ultimate Contract Value (\$M)</u>	<u>Type</u>	<u>PBSA ?</u>	<u>Effective Date</u>	<u>Actual or Expected End Date</u>
		<u>038</u>	042								
Awarded	7014	<u>HSBP1012P00</u> <u>411</u>									
Awarded	7014	<u>HSBP1012J00</u> <u>225</u>	HSHQDC07D00 028		7001						
Awarded	7014	<u>HSBP1011F00</u> <u>310</u>	GS35F0189U		4730						
Awarded	7014	<u>HSBP1012J00</u> <u>231</u>	HSHQDC07D00 025		7001						
Awarded	7014	<u>HSBP1012J00</u> <u>008</u>	HSHQDC07D00 028		7001						
Awarded	7014	<u>HSBP1009J26</u> <u>296</u>	HSBP1007D01 587		7014						
Awarded	7014	<u>HSBP1012J00</u> <u>067</u>	HSHQDC07D00 024		7001						
Awarded	7014	<u>HSBP1012F00</u> <u>007</u>	LC09D7027		0300						
Awarded	7014	<u>HSBP1011P00</u> <u>127</u>									
Awarded	7014	<u>HSBP1012J00</u> <u>219</u>	HSHQDC07D00 025		7001						
Awarded	7014	<u>HSBP1012J00</u> <u>361</u>	HSHQDC07D00 024		7001						
Awarded	7014	<u>HSBP1010J00</u> <u>845</u>	HSHQDC07D00 026		7001						
Awarded	7014	<u>HSBP1012J00</u> <u>388</u>	HSHQDC07D00 025		7001						
Awarded	7014	<u>HSBP1012F00</u> <u>138</u>	HSBP1106D01 066		7014						
Awarded	7014	<u>HSBP1007F14</u> <u>663</u>	HSHQDC06D00 026		7001						
Awarded	7014	<u>HSBP1010F00</u>	GS06F0367Z		4730						

Table I.D.1 Contracts and Acquisition Strategy

<u>Contract Type</u>	<u>EVM Required</u>	<u>Contracting Agency ID</u>	<u>Procurement Instrument Identifier (PIID)</u>	<u>Indefinite Delivery Vehicle (IDV) Reference ID</u>	<u>IDV Agency ID</u>	<u>Solicitation ID</u>	<u>Ultimate Contract Value (\$M)</u>	<u>Type</u>	<u>PBSA ?</u>	<u>Effective Date</u>	<u>Actual or Expected End Date</u>
			604								
Awarded	7014	HSBP1012F00 108	HSHQDC10A00 089	7001							

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

Earned value is only required for developmental initiatives and this investment is strictly O&M. In order for an organization to be able to consistently forecast, identify, document, and implement appropriate solutions regarding program risks and issues, it is necessary to have a successful Risk/ Issue Management Process in place. In order to accomplish this OIT is looking at the various areas within the Program (i.e., cost, resource, and schedule) and trying to forecast where possible risks to the program could occur. This also includes reviewing problems incurred by previous "like" programs by way of "lessons learned" documentation. In order to accomplish this, CBP is looking at various areas in the program. Risks will be managed using the SELC and periodic project reporting through a Program Management Review, and other avenues include efficiency reviews and financial analysis and EV reporting via the WorkLenz reporting system. Various stages of the SELC help to ensure that any programs follow proper risk management. This includes but is not limited to a number of steps, such as the project team having an approved project management plan, the project obtaining needed approvals, having complete functional and technical requirements which are certified and any changes to requirements are managed. The project management plan, WBS, and schedule are updated based on the requirements, and the project team confirms that funding is available for O&M. Testing confirms that the system is ready to be deployed in the production environment and the needed environments are ready, and the project team confirms readiness for the system to become operational. Under the Program Management Review All projects and activities in EDME (such as services-only contracts) must be captured in the Master Project List (MPL) and entered in the WorkLenz tool so that we may account for all budgeted funds and manage our work using a level of "Project Discipline" as appropriate for either a project or an activity. The Mission Support Office is using WorkLenz, which is CBP's Project Portfolio Management Tool. As part of the risk management process risk data is incorporated as it relates to the Title, Description, Risk Type, Probability, Consequence, Owner and Mitigation details. Through this data entered for each Program, Project, and/or Task, WorkLenz provides the ability to run reports as well as view current dashboards of information in relation to our Risk Portfolio.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-04-30

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
2	Windows 7	The Windows 7 Operational Test and Evaluation (OTE) will test Windows 7/Office 2010, the latest operating system (OS) and office suite in the Microsoft series, and replace the existing Microsoft Windows XP and legacy operating systems, which are near the end of their life cycle. The purpose of this project is to Engineer, Test, and Deploy a standard CBP image, based on the Windows 7 operating system. In addition, bring CBP in compliance with Office of Management and Budget (OMB) implementation of the United States Government Configuration Baseline (USGCB), as outlined in OMB mandates M07-11 and M08-22 regarding standard security configurations.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities

2

Windows 7

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
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NONE

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
% of overall network availability to ensure availability of critical applications at and between ports of entry	Percent	Mission and Business Results - Services for Citizens	Over target	98.000000	98.000000	99.870000	98.000000	Quarterly
% of time the Traveler Enforcement Communication System (TECS) is available to end users	Percent	Customer Results - Service Accessibility	Over target	98.000000	99.000000	99.640000	99.000000	Quarterly
% of software maintenance renewals completed in a timely manner prior to cessation vendor support	Percent	Process and Activities - Cycle Time and Timeliness	Over target	95.000000	99.000000	100.000000	100.000000	Quarterly
% of hardware maintenance renewals completed in a timely manner prior to cessation vendor support	Percent	Process and Activities - Cycle Time and Timeliness	Over target	99.000000	99.500000	100.000000	100.000000	Monthly
% of email system patches applied by mandatory deployment date as defined by DHS	Percent	Technology - Quality Assurance	Over target	99.000000	100.000000	100.000000	99.000000	Monthly
% of Network & Security Operations Center (NSO) trouble tickets for security incidents Mean Time to Assign (MTTA) in one hour.	Percent	Process and Activities - Cycle Time and Timeliness	Over target	85.000000	85.000000	88.000000	85.000000	Quarterly
Average Telecommunication	Number (thousands)	Process and Activities - Financial	Under target	1.600000	1.600000	1.373000	1.600000	Quarterly

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
costs per user (in thousands)								